



Meeting:	Technology Coordination Board (TCB)
Date and Time:	Thursday 28 February 2011 - 14:00-17:00
Venue:	Telecon
Agenda:	https://www.egi.eu/indico/event/359

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Participants

Name and Surname	Abbr.	Representing	Membership
Steve Newhouse	SN	EGI.eu CTO	Member & Chair
Tiziana Ferrari	TF	EGI.eu COO	Member
Stephen Brewer	SB	EGI.eu CCO	Member
Gergely Sipos	GS	EGI.eu User Community Support Officer	In attendance
Michel Drescher	MD	EGI.eu Technical Manager	Member
Sergio Andreozzi	SA	EGI.eu Policy Development Manager	In attendance (secretary)
Henrik Thostrup Jensen	HJ	EGI DMSU Team Leader	Member
Michael Gronager	MG	EGI DMSU Deputy Team Leader	Member
Aberto di Meglio	AM	EMI	Non-voting Member*
Balazs Konya	BK	EMI	Non-voting Member* (deputy)
Helmut Heller	HH	IGE	Non-voting Member*
Steve Crouch	SC	IGE	Non-voting Member* (deputy)
Shantenu Jha	SJ	SAGA	Observer*

* non voting member after signing MoU and voting member after signing MoU and SLA



AGENDA BASHING

- AM asked if there is a slot which could include how the new software coming out will be advertised to the community; SN proposed to discuss it in Software Deployment

MINUTES OF THE PREVIOUS MEETING

The minutes of the TCB meeting held on 20 January 2011 were reviewed. As integration to the records,

- BK said that EMI1 supported platforms are SL5/64bit, but individual components can support more platforms;
- BK asked if the printed document circulated during the meeting by SB about requirements gathering could be shared; (see **Action 04/01**)

After these additions, the minutes were approved as a correct record of the proceedings.

ITEMS OF BUSINESS

Welcoming Shantenu Jha

SN welcomes Shantenu Jha as representative of a new technology provider (SAGA)

EGI Requirements management tool

SB provided updates on the requirements gathering tool and details about the process based on the presentation attached to the related agenda item; discussion emerged about when a requirement is marked as “resolved”; for TF, requirement already included in the development plan was treated as resolved; GS considers a ticket resolved when the solution to satisfy the requirement is ready into production (it is defined in the RM manual); common agreement on the need to align the meaning of the various states associated to tickets for requirements for both operations and users requirements gathering manuals (**action 04/02**)

SB mentioned that now it is possible to create wiki pages with content from RT; furthermore; discussion shifted to the identification of topics for best practice guides; SN suggested an action about presenting list of topics for which need best practices guide (**action 04/03**); TF proposed the following topics for best practice guides in the area of operations: configuration in cluster/high-availability mode for WMS/VOMS/Top-Level BDII; SN said that TF input on best practice guides will be work for DMSU; MD identified through user feedback that most of the tickets are related to configuration more than bugs;

EGI Operations Requirements for Technology Providers

TF presented slides concerning requirements on operating systems, BK said EMI got similar figure; also reminded that Debian will be the second relevant distribution after SL in EMI 2;



In slide 8, LSF/SGE/PBS/Torque/SLURM to support GLUE 2.0 parameter passing; Condor is asked by a minority; (**action 04/04**)

AM said that in EMI, LSF/PBS/Torque are supported; SGE is there but full support may come later; AM raised an issue concerning Condor because the institute supporting its integration during EGEE (PIC) claimed not being able to continue; finding another supporter for Condor is not going to be easy;

TF remarked that info providers is not the only aspect to be supported, but also plug-ins; AM said that LSF is supported by CERN (not as part of EMI); for Torque, the partner responsible is NIKHEF and stated that they can maintain the code on a best-effort basis, but somebody else will package the source code into the release (probably INFN); (**action 04/05**)

HH supported batch systems: Globus/PBS/Torque/SGE/Condor, probably not SLURM and LSF to be confirmed

SAGA supports Globus/Condor/PBS/all flavours of LSF/ARC/soon SGE; not gLite support at the moment since it is not clear where the effort is and we do not have test base (a code basis exists)

Slide 9, TF remarked that at the moment info providers do not extract information in a consistent way (**action 04/06**)

HH was disappointed in not seeing requirements from the German NGI ; would have expressed interest in support of SUSE OS distribution and SGI batch system; said he was never contacted by national NGI for feedback; TF says it is a problem for all big NGIs, it is a lengthy problem and big NGIs; feels that several overlapping requests for information (e.g. QR, this survey, etc.) could have affected this; (**action 04/07**)

BK says that EMI will take care of keeping up-to-date EGI tracker with related tickets in EMI; EGI tickets will be updated with EMI related ticket number;

SN would like that EGI retains the primary ticket; SAGA uses TRAC; EMI uses Savannah; IGE uses RT; MD suggested to have a look how EGI GGUS is integrated to link to EMI tracking system

EGI User Communities Requirements for Technology Providers

Requirement 5 addressed in latest WMS release;

SN asked more info about slide 11; GS said that UCB realized no data management related requirements are present, therefore invitation to the community was sent out; but the community is more keen to provide requirements if they know a roadmap or vision; about simplified login, UCST will write a doc to describe the various approaches to login (with the various types of certificate)

SB and MG left the meeting; small break

EGI Repository

MD provided updates based on presentation; HH provided contact for IGE and later SAGA can be contacted on this matter. AM: EMI has few components having dependencies to SAGA, he would like to



have them in a public YUM repository to link to; SJ asked about which are the dependencies; (**action 04/08**)

HH asked if there would be IGE software into the first UMD release; SN said we need earlier adopter sites and quality verification (David Wallom/UK had expressed interest in participating as well as Germany);

EMI: Towards EMI v1

03/10: answer within two weeks, remain open; 03/21 done; 03/23 BK provided an update yesterday and this remain open; BK presented the EMI timeline; about EGI Nagios probes, they came after the code freeze but will be in EMI 1; for making experience with packages, suggest to wait for RC1;

TF asked about when the release notes will be available; BK said something around April, anyway in the tracker, for each component there is already a section about release notes;

IGE: Towards integration with EMI, repositories and EGI deployment

HH provided contributions;

NIKHEF only one in NL to support Globus; UK and Germany have interests; sites should be more proactive in providing content and let the info flow up

AOB

There being no further business, the meeting concluded at 16:00.

Date for Next Meeting

To be held 7 April 2011 Face to Face in Amsterdam

<http://go.egi.eu/TCB-5>

Items to be discussed: migration strategies/ feedback from first release test drive going into EGI software repository/StratusLab



ACTIONS

ID	Resp.	Description	New Status
01/05	EGI.eu/SB	<p>UMD Roadmap needs to include interactive job management capability</p> <p><i>SB to check if this came up in MS305 and if so identify who we can work with in order to develop it; on-going investigation</i></p>	OPEN
01/06	EGI.eu/SN	<p>Explore option of a VRC for the European Globus Community Forum</p> <p>SN and the IGE advisory group will meet in January; it will provide an opportunity to discuss it</p> <p><i>HH said that after talked to SB, it was found out that this is not viable since they do not share common research background; other approaches to be investigated</i></p>	CLOSED
02/02	EGI.eu/TF	<p>Collect operations requirements for UMD and contribute to MD for the next UMD roadmap iteration</p> <p><i>The on-going survey will provide input</i></p>	CLOSED
02/07	EGI.eu/SB	<p>To collect requirements from user communities about job scheduling and WMS (focus on both functional and non-functional; ask if they are happy with the functionalities of WMS and need more stability)</p> <p><i>On-going investigation; AM would like to understand the trend in using WMS, if CREAM becomes widely deployed and enabling direct submission, user communities may be their own workflow on top; AM commented that you can ask people what they want, but also you can push a model; (action 03/26 to collect information from technology providers – EMI, IGE & beyond – as to the brokering systems and characteristics/features);</i></p>	OPEN
03/01	EGI.eu/TF	<p>Communicate to IGE/EMI results of survey related to which OS and which packaging format for software are required by user communities (originated from 01/01)</p>	CLOSED
03/02	EGil.eu/SB	<p>Communicate to IGE/EMI which OS distributions are required by user communities to be supported for their applications (originated from 01/01)</p>	OPEN
03/03	IGE/HH	<p>Provide information about interoperability of the AdHoc-based GUI for VOMS with generic VOMS and Globus-specific VOMS</p>	CLOSED
03/04	IGE/HH	<p>Circulate a slide with deadlines for considering requirements in IGE release schedule</p>	CLOSED
03/05	IGE/HH	<p>HH to identify the sites that are running Globus; pass the list to TF to</p>	OPEN

	EGI.eu/TF	check with NGIs if there are communication issues	
03/06	IGE/HH	Will Globus-modified IGE components be released into EPEL? What is the relationship between the Globus release and IGE-modified Globus components? Are changes going to be retrofitted into Globus? How new Globus releases are considered for new IGE releases?	CLOSED
03/07	EGI.eu/SB	Go back to user communities about better error messages request and ask for specific requirements, not just generic	OPEN
03/08	EGI.eu/SB	Extend the requirements tool to be able to tag and search requirements for TCB; two queues are suggested: TCB-discuss and TCB-agreed	OPEN
03/09	EGI/MG	Provide an analysis of issues emerging from operations besides bug fixes; <i>Document available for people to review in D5.3 when it is complete.</i>	OPEN
03/10	EMI/AM	To provide a list of components for which EMI needs collaboration from EGI sites for scalability testing <i>BK to provide answer in two weeks</i>	OPEN
03/11	IGE/HH	Provide contact points for IGE regarding Release Management, Release tooling support and Quality Assurance.	CLOSED
03/12	EMI/CA EGI.eu/MD	Cristina Aiftimiei and MD to pick up component from EMI and test the workflow from GGUS ticket to complete EGI certification; the goal is to test the process	OPEN
03/13	EGI.eu/MD	Collect repository structure information and evaluate the changes needed by EGI repository structure in order to support EMI/IGE distributions	CLOSED
03/14	EGI.eu/TF EMI/AM	Define what services should advertise in the information service the information of which distribution they are part of (e.g., "EMI 1.0") <i>All services should advertise this info</i>	CLOSED
03/15	EGI.eu/MD EGI.eu/TF	Explain how EGI software repository can be used by sites for software installation and clarify the sources of software; collect news stories about deploying EMI 1.0 pre-release from operation team and feed to dissemination team to be disseminated at EGI User Forum (merged from 3/19)	OPEN
03/16	EGI.eu/SB	Investigate training requirements related to new EMI 1.0 release	OPEN
03/17	EMI/AM	To investigate clearer branding around EMI Training sessions at the User Forum	CLOSED
03/18	EGI/MG	Interact with GRNET to have proper information about repository	CLOSED

	EGI.eu/MD	and plan for when it will be ready	
03/19	EGI.eu/TF	Collect news stories about deploying EMI 1.0 pre-release from operation team and feed to dissemination team to be disseminated at EGI User Forum (merged with 3/15)	CLOSED
03/20	TCB	Define migration strategies from EMI 0.X to EMI 1.0 <i>In order to define this, release notes are needed; they will be available in the associated track item for each component; drafts are available for some of them (https://savannah.cern.ch/task/?group=emi-releases)</i>	OPEN
03/21	EMI/AM	Prepare official slides plan for documentation, support for release, repository info as official statements; release strategy EMI X.0 and intermediate releases; evaluate if can be presented to be presented at OMB next week	CLOSED
03/22	EGI.eu/MD	EGI-InSPIRE D5.4 to be improved to contain a more clear vision on future evolution of UMD Roadmap; add Collaborative Roadmap vision	OPEN
03/23	EMI/BK	Provide information about what are the supported standards by EMI components <i>BK provided updates, remain open</i>	OPEN
03/24	IGE/HH	Extend the release roadmap to include supported standards by each component <i>Sent document</i>	CLOSED
03/25	EGI.eu/MD	To add roadmap for standards adoption in UMD roadmap (probably version D5.4)	OPEN
03/26	EGI.eu/MD	Collect information from technology providers – EMI, IGE & beyond – as to the brokering systems and characteristics/features for UCST	OPEN
04/01	EGI.eu/SB	Circulate “requirements gathering” document - electronic version – as presented in 3 rd TCB	NEW
04/02	EGI.eu/SB	Clarify the meaning of the various tickets states (e.g., resolved) and align meaning in both Requirements Gathering manuals for both User and Operations	NEW
04/03	EGI.eu/SB	Gather a list of topics for which there is a need for best practice guide for user communities	NEW
04/04	EGI.eu/TF	To run a survey to understand the weighed interest of batch systems by sites	NEW
04/05	EGI.eu/MD	To go to NIKHEF and ask Jeff/Oscar/David about support of plug-in and info provider for Torque	NEW



04/06	EMI/BK	Verify the issue of info providers not extracting consistent information	NEW
04/07	All	Review communication channels within NGIs (especially large) and their capabilities to properly report to EGI.eu	NEW
04/08	EGI.eu/MD	To activate mirror of SAGA repository into EGI repo (Andre Mersky is the person to contact); as soon as this is available, to inform EMI	NEW



Minutes prepared by Sergio Andreozzi, 07.03.2011

Minutes Approved TCB Chair Steven Newshouse

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